

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ASASHIMA, et al.

Appl. No.

Confirmation No.

Filed: July 30, 2001

Art Unit: Unassigned

Examiner: Unassigned

Atty. Docket No. 31671-173644

For: ORGANS FOR TRANSPLANTATION  
INDUCED IN VITRO

Customer No.



26694

PATENT TRADEMARK OFFICE

Preliminary Amendment

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to calculation of the fees, please amend the claims attached to the specification as follows:

~~Claim 3. (Amended) The preparation method of in vitro induced organ for transplantation according to claim 1 characterized in that the certain stage is examined by using genome DNA which expresses corresponding to the stage of the in vitro induced organ as a molecular marker.~~

~~Claim 4. (Amended) The preparation method of in vitro induced organ for transplantation according to claim 1 characterized in that the in vitro induced organ is an organ induced from ectoderm region which has been cut off from the blastula.~~

~~Claim 5. (Amended) The preparation method of in vitro induced organ for transplantation according to claim 1 characterized in that in vitro induction takes place in the presence of TGF (Transforming Growth Factor)- $\beta$  family.~~